EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	17	("20030099209" | "6009091" | "6032047" | "6400755" | "6490461" | "6643275" | "6650905" | "6665288" | "6678257" | "6721299" | "6760311").PN. OR ("7006464"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/10 07:12
S55	2	("20020163879" | "7006464").PN.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 09:37
S57	28	("5867539").PN. or ("20030202492" | "20040176097" | "20050208959" | "20060183497" | "6697346" | "6952426" | "7238508" | "7292854").PN. or S56 or S55	US-PGPUB; USPAT	ADJ	ON	2009/08/11 11:03
S56	17	("20020122393" | "20040037257" | "20040047292" | "4797879" | "5404355" | "5506861" | "5638369" | "5677909" | "5729542" | "5959965" | "6049548" | "6314113" | "6330293" | "6333953" | "6735188" | "6879579" | "6920194").PN.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 11:03
S58	231	((MARK) near2 (WALLACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 13:38
S60	4	(Hyung-deug).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 13:40
S59	0	(Hyung-dwug).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 13:40
S61	11	("20020174203" | "20040066783" | "20040082364" | "20050030940" | "20050198261" | "6463082" | "6587457" | "6747968" | "7006472" | "7266087" | "H002051").PN.	US-PGPUB; USPAT	ADJ	ON	2009/08/11 13:44
S63	0	10/693419.app. and computer program	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:10
S62	0	10/693419.app. and computer program product	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:10
S65	1	10/693419.app. and (software or media or medium)	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:11
S64	0	10/693419.app. and (software or media or medium) near (stor$3 or carr$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:11
S66	1	(US-7006464-$).did.	USPAT	ADJ	ON	2009/08/17 06:13
S67	23	beacon with (MIMO) with pilot	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:51
S68	33	(beacon or broadcast$4) with (MIMO) with pilot	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:53
S69	845	(beacon or MIMO) with pilot same channel	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:54
S71	35	(beacon or MIMO) with pilot same channel same (broadcast$4) and MIMO	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:55
S70	113	(beacon or MIMO) with pilot same channel same (broadcast$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/17 06:55

S72	11	("20030099209" | "6009091" | "6032047" | "6400755" | "6490461" | "6643275" | "6650905" | "6665288" | "6678257" | "6721299" | "6760311").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/17 06:56
S73	6	("7006464").URPN.	USPAT	ADJ	ON	2009/08/17 07:02
S74	31	MIMO pilot beacon(channel or broadcas$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:05
S75	39	MIMO pilot channel (broadcas$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:07
S76	44	MIMO (pilot or beacon) channel$4 (broadcas $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:09
S78	11	MIMO OFDM TDD and (pilot or beacon) channel$4 (broadcas$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:10
S77	222	MIMO OFDM and (pilot or beacon) channel $4 (broadcas$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:10
S79	142	MIMO OFDM and (TDD or TDMA) and (pilot or beacon) channel$4 (broadcas$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:11
S81	8	MIMO OFDM and (TDD or TDMA) and (pilot or beacon) channel$4 (broadcas$4) and @AD<="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:12
S80	4	MIMO OFDM and (TDD or TDMA) and (pilot or beacon) channel$4 (broadcas$4) and @AD<="20020631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:12
S82	132	MIMO OFDM and (TDD or TDMA) and @AD<="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/17 07:25

S85	8	(broadcast$4 or beacon or pilot) with channel and forward control channel and random access channel and @ad< ="20031023" and MIMO	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:32
S84	62	(broadcast$4 or beacon or pilot) with channel and forward control channel and random access channel and @ad< ="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:32
S83	75	(broadcast$4 or beacon or pilot) with channel and forward control channel and random access channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:32
S86	2	(broadcast$4 or beacon or pilot) with channel same (estimat$6) and forward control channel same (schedul$6)and random access channel and @ad< ="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:34
S88	84	(broadcast$4 or beacon or pilot)same channel with (estimat$6) and (schedul$6) same (uplink or downlink or forward or reverse) with channel and @ad< ="20031023" and TDMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:37
S87	203	(broadcast$4 or beacon or pilot)same channel with (estimat$6) and (schedul$6) same (uplink or downlink or forward or reverse) with channel and @ad< ="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:37
S89	36	(broadcast$4 or beacon or pilot)same channel with (estimat$6) and (schedul$6) same (uplink or downlink or forward or reverse) with channel and @ad< ="20031023" and TDMA and (MIMO or OFDM or OFDMA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/08/17 07:38
S90	18	375/276,299,346-347.ccls. and (MIMO). bsum. and (beacon or pilot) same (broadcast $4)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:36
S92	171	(beacon or pilot) same (broadcast$4) and Random access with channel same (schedul $4 or request$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:38
S91	5	375/276,299,346-347.ccls. and (beacon or pilot) same (broadcast$4) and Random access with channel same (schedul$4 or request$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:38
S94	22	(beacon or pilot) same (broadcast$4) and Random access with channel same (schedul $4 or request$4) and OFDMA	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:39
S93	35	(beacon or pilot) same (broadcast$4) and Random access with channel same (schedul $4 or request$4) and MIMO	US-PGPUB; USPAT	ADJ	ON	2009/08/25 14:39

S95	174	(beacon or pilot) same (broadcast$4) and Random access with channel same (schedul$4 or request$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/25 14:41
S96	81	(beacon or pilot) same (broadcast$4) and Random access with channel same (schedul$4 or request$4) and @AD<="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/25 14:42
S97	637	(beacon or pilot or broadcast$4) same channel and Random access with channel same (schedul$4 or request$4) and @AD<="20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/25 14:44
S98	36	(beacon or pilot or broadcast$4) same channel and Random access with channel same (schedul$4 or request$4) and @AD<="20031023" and (MIMO OR OFDM $1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/25 14:45
S99	28	(US-20020159431-$ or US-20010038620-$ or US-20020163879-$ or US-20030072255-$ or US-20050208959-$ or US-20070140167-$ or US-20080008212-$ or US-20010021182-$ or US-20030067999-$ or US-20040037257-$).did. or (US-7310304-$ or US-7006464-$ or US-6850481-$ or US-6611231-$ or US-6473467-$ or US-6937592-$ or US-6888899-$ or US-7313126-$ or US-6802035-$ or US-6490461-$ or US-6032047-$ or US-6721299-$ or US-6643275-$ or US-6879579-$ or US-7266087-$ or US-6694147-$ or US-6553540-$ or US-7023826-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/08/31 10:36
S100	13	S99 and random with channel	US-PGPUB; USPAT	ADJ	ON	2009/08/31 10:39
S102	20730	random with channel	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:15
S101	28	(US-20020159431-$ or US-20010038620-$ or US-20020163879-$ or US-20030072255-$ or US-20050208959-$ or US-20070140167-$ or US-20080008212-$ or US-20010021182-$ or US-20030067999-$ or US-20040037257-$).did. or (US-7310304-$ or US-7006464-$ or US-6850481-$ or US-6611231-$ or US-6473467-$ or US-6937592-$ or US-6888899-$ or US-7313126-$ or US-6802035-$ or US-6490461-$ or US-6032047-$ or US-6721299-$ or US-6643275-$ or US-6879579-$ or US-7266087-$ or US-6694147-$ or US-6553540-$ or US-7023826-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:15
S103	13	S102 and S101 and (pilot or broadcast$4 or beacon or schedul$4 or map$4)	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:16
S104	3	S103 and MIMO	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:32
S106	3	S101 and MIMO and S102	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:33

S105	13	S101 and MIMO	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:33
S108	52	MIMO same OFDM$1 and (broadcast$4 or beacon$4 or pilot$4) same (estimat$8) and random with channel and @ad<="20031023"	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:37
S107	375	MIMO same OFDM$1 and (broadcast$4 or beacon$4 or pilot$4) same (estimat$8) and random with channel	US-PGPUB; USPAT	ADJ	ON	2009/09/03 10:37
S110	12	MIMO same OFDM$1 and S109	US-PGPUB; USPAT	ADJ	ON	2009/09/03 11:16
S109	31	(US-20020159431-$ or US-20010038620-$ or US-20020163879-$ or US-20030072255-$ or US-20050208959-$ or US-20070140167-$ or US-20080008212-$ or US-20010021182-$ or US-20030067999-$ or US-20040037257-$ or US-20040001429-$).did. or (US-7310304-$ or US-7006464-$ or US-6850481-$ or US-6611231-$ or US-6473467-$ or US-6937592-$ or US-6888899-$ or US-7313126-$ or US-6802035-$ or US-6490461-$ or US-6032047-$ or US-6721299-$ or US-6643275-$ or US-6879579-$ or US-7266087-$ or US-6694147-$ or US-6553540-$ or US-7023826-$ or US-7548506-$ or US-7551546-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/03 11:16
S111	4	MIMO same OFDM$1 and S109 and Random near (access or request$4 or registra$4) near channel	US-PGPUB; USPAT	ADJ	ON	2009/09/03 11:20
S112	4	MIMO same OFDM$1 and S109 and Random near (access or request$4 or registra$4) near channel and pilot$	US-PGPUB; USPAT	ADJ	ON	2009/09/03 11:29
S113	1	10/175855.app.	US-PGPUB; USPAT	ADJ	ON	2009/09/03 11:55
S115	835	(mimo with OFDM).bsum.	US-PGPUB; USPAT	ADJ	ON	2009/09/03 12:10
S114	0	(mimo with OFDM)".bsum"	US-PGPUB; USPAT	ADJ	ON	2009/09/03 12:10
S116	31	(US-20020159431-$ or US-20010038620-$ or US-20020163879-$ or US-20030072255-$ or US-20050208959-$ or US-20070140167-$ or US-20080008212-$ or US-20010021182-$ or US-20030067999-$ or US-20040037257-$ or US-20040001429-$).did. or (US-7310304-$ or US-7006464-$ or US-6850481-$ or US-6611231-$ or US-6473467-$ or US-6937592-$ or US-6888899-$ or US-7313126-$ or US-6802035-$ or US-6490461-$ or US-6032047-$ or US-6721299-$ or US-6643275-$ or US-6879579-$ or US-7266087-$ or US-6694147-$ or US-6553540-$ or US-7023826-$ or US-7548506-$ or US-7551546-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/08 07:14
S117	0	("11andestimat$and (RACHorrandomwithchannel)").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/08 07:15
S118	13	S116 and estimat$ and (RACH or random with channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 07:16

L1	31	(US-20020159431-$ or US-20010038620-$ or US-20020163879-$ or US-20030072255-$ or US-20050208959-$ or US-20070140167-$ or US-20080008212-$ or US-20010021182-$ or US-20030067999-$ or US-20040037257-$ or US-20040001429-$).did. or (US-7310304-$ or US-7006464-$ or US-6850481-$ or US-6611231-$ or US-6473467-$ or US-6937592-$ or US-6888899-$ or US-7313126-$ or US-6802035-$ or US-6490461-$ or US-6032047-$ or US-6721299-$ or US-6643275-$ or US-6879579-$ or US-7266087-$ or US-6694147-$ or US-6553540-$ or US-7023826-$ or US-7548506-$ or US-7551546-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:42
L3	3	l1 and ofdm and pilot same estimat$ and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:44
L2	3	l1 and MIMO and pilot same estimat$ and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:44
L5	12	l1 and ofdm and pilot same (estimat$ or broadcast$4 or preamble or beacon)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:45
L4	4	l1 and ofdm and pilot same (estimat$ or broadcast$4 or preamble or beacon) and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:45
L7	19	l1 and pilot same (estimat$ or broadcast$4 or preamble or beacon) same channel	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:49
L6	19	l1 and pilot same (estimat$ or broadcast$4 or preamble or beacon)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:49
L9	9	l1 and (MIMO or OFDM) and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:55
L8	4	l1 and MIMO and(random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 11:55
L10	9	l1 and (MIMO or OFDM) and (random access channel or RACH) and (pilot or schedul$ or channel estimat$ or request$4)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:01
L13	5	l1 and (random access channel or RACH) and (pilot with estimat$)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:04
L12	11	l1 and (random access channel or RACH) and (pilot or schedul$ or channel estimat$ or request$4)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:04
L11	4	l1 and (MIMO) and (random access channel or RACH) and (pilot or schedul$ or channel estimat$ or request$4)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:04
L15	13	qualcom.as.	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:07
L14	129	(MIMO same OFDM$1) and (random access channel or RACH) and (pilot same estimat$)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:07
L17	33	l14 not l16	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:08
L16	4778	(qualcomm).as.	US-PGPUB; USPAT	ADJ	ON	2009/09/11 12:08
L18	1	(US-7551546-$).did.	USPAT	ADJ	ON	2009/09/11 13:00
L19	1	l18 and (SACH or RACH or random with channel or estimat$4 or pilot)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:01
L23	94	(MIMO) and (random access channel or RACH) same pilot	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:05

L22	222	(MIMO) and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:05
L21	299	(MIMO or OFDM) and (random access channel or RACH) and pilot	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:05
L20	519	(MIMO or OFDM) and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:05
L24	4	l1 and MIMO and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:10
L25	12	l1 and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 13:14
L26	2	("20020163879" | "7006464").PN. and MIMO	US-PGPUB; USPAT	ADJ	ON	2009/09/11 14:17
L27	1	("20020163879" | "7006464").PN. and (request$ or system access)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 14:31
L28	1	("20020163879" | "7006464").PN. and access channel	US-PGPUB; USPAT	ADJ	ON	2009/09/11 14:33
L29	1	("20020163879").PN. and (request$ or system or access or feedback)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 14:42
L30	12	l1 and (random access channel or RACH) same (request$4 or system or access or join $4)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 14:51
L31	1	("20020163879").PN. and (diversity or spatial multiplex$4 or SIMO or beam steer$4)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:10
L33	2	("20020163879" | "7006464").PN. and (diversity or multiplex$4 or SIMO or beam$ or TDM)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:11
L32	2	("20020163879" | "7006464").PN. and (diversity or multiplex$4 or SIMO or beam$)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:11
L35	0	(US-7023826-$).did. and (SIMO or beam or steer$4 or spatial)	USPAT	ADJ	ON	2009/09/11 15:22
L34	1	(US-7023826-$).did.	USPAT	ADJ	ON	2009/09/11 15:22
L36	11	(SIMO or beam steer$4) same (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:27
L37	1673	(SIMO or beam or steer$4) same (access with channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:31
L39	26	(SIMO or steer$4) same (random access with channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:32
L38	172	(SIMO or beam or steer$4) same (random access with channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:32
L40	5	l1 and (MIMO or SIMO or diversity or beam same steer$4) and (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:36
L41	0	l1 and (SIMO or beam same steer$4) same (random access channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:38
L43	3	(l33 or l34) and access with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/11 15:40
L42	2	(l33 or l34) and access with channel	USPAT	ADJ	ON	2009/09/11 15:40

L45	3	("20020163879"	"7006464").PN. or I34	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:56
L44	0	("20020163879"	"7006464").PN. and I34	US-PGPUB; USPAT	ADJ	ON	2009/09/11 15:56
L46	3	(l45) and slot	US-PGPUB; USPAT	ADJ	ON	2009/09/11 16:12
L47	21	broadcast with channel and I1	US-PGPUB; USPAT	ADJ	ON	2009/09/11 16:18
L48	7	broadcast with channel same synchron$ and I1	US-PGPUB; USPAT	ADJ	ON	2009/09/11 16:25
L49	3	(l45) and pilot	US-PGPUB; USPAT	ADJ	ON	2009/09/11 16:45
L50	9	I1 and MIMO and pilot and (access with channel or RACH)	US-PGPUB; USPAT	ADJ	ON	2009/09/11 16:58

EAST Search History (Interference)

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9/11/2009 5:08:21 PM
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